

Title (en)  
A WET PULPING SYSTEM AND METHOD FOR PRODUCING CELLULOSIC INSULATION WITH LOW ASH CONTENT

Title (de)  
SYSTEM FÜR DIE HERSTELLUNG VON NASSSTOFF UND VERFAHREN ZUR HERSTELLUNG VON ZELLULOSEISOLIERUNG MIT NIEDRIGEM ASCHEGEHALT

Title (fr)  
SYSTÈME ET PROCÉDÉ DE DÉSINTÉGRATION HUMIDE PERMETTANT DE PRODUIRE UN ISOLANT CELLULOSIQUE À FAIBLE TENEUR EN CENDRES

Publication  
**EP 2026647 A4 20100310 (EN)**

Application  
**EP 06849955 A 20061214**

Priority  
• US 2006047607 W 20061214  
• US 75078805 P 20051216

Abstract (en)  
[origin: US2007137805A1] Apparatus and method for recovering organic cellulosic fibers from landfill materials (such as post consumer, municipal and industrial waste materials). The apparatus and method selectively introduces waste materials containing organic cellulosic fibers into a size reduction machine. The pre-cleaned waste materials are conveyed to a tank, drum, or tunnel type fiber recovery apparatus. The waste materials are subjected to mechanical and fluid fiberization for a selected period of time to produce useful products, such as cellulosic insulation with a total ash content equal to or less than 10%, as well animal and fowl bedding products that is substantially devoid of moisture content, among other products.

IPC 8 full level  
**A01K 29/00** (2006.01); **D21B 1/02** (2006.01); **D21B 1/04** (2006.01); **D21B 1/16** (2006.01); **D21B 1/30** (2006.01); **D21C 5/00** (2006.01); **D21C 5/02** (2006.01)

CPC (source: EP US)  
**A01K 1/0152** (2013.01 - EP US); **A01K 1/0155** (2013.01 - EP US); **D21B 1/026** (2013.01 - EP US); **D21B 1/16** (2013.01 - EP US); **D21B 1/32** (2013.01 - EP US); **D21C 5/02** (2013.01 - EP US); **D21C 11/00** (2013.01 - EP US); **Y02W 30/64** (2015.05 - EP US); **Y10S 210/928** (2013.01 - EP US)

Citation (search report)  
• [XY] WO 0189702 A2 20011129 - METSO PAPER INC [FI], et al  
• [XP] EP 1627950 A1 20060222 - ANDRITZ AG MASCHF [AT]  
• [XY] US 4440635 A 19840403 - REINIGER HAIGH M [US]  
• [XY] US 4283275 A 19810811 - HEINBOCKEL WOLFGANG, et al  
• [Y] US 5302245 A 19940412 - NADEAU ALLAN [US]  
• See references of WO 2007087037A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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DOCDB simple family (application)  
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